--Create catalog

CREATE TABLE [Catalog] (

CatalogId CHAR(5) PRIMARY KEY,

CatalogName NVARCHAR(20) NOT NULL,

Description NTEXT,

[View] BIGINT,

Priority INT,

Status BIT,

ParentId CHAR(5)

)

GO

--Product

--//Product

CREATE TABLE Product (

ProductId CHAR(7) PRIMARY KEY,

ProductName NVARCHAR(100) NOT NULL,

PriceInput FLOAT,

PriceOutput FLOAT NOT NULL,

Discount INT CHECK(Discount BETWEEN 0 AND 100) DEFAULT(0),

Quantity INT CHECK(Quantity BETWEEN 0 AND 100) DEFAULT(100),

Quality INT,

Title NVARCHAR(200),

Guarantee INT DEFAULT(0),

OneSwitchOne INT DEFAULT(15),

Description NTEXT,

[View] BIGINT DEFAULT(0),

Sold INT DEFAULT(0),

Status BIT,

CatalogId CHAR(5) FOREIGN KEY REFERENCES [Catalog](CatalogId)

)

GO

--//Image

CREATE TABLE Image(

ImageId INT PRIMARY KEY IDENTITY(1,1),

Url NTEXT NOT NULL,

Status BIT,

ProductId CHAR(7) FOREIGN KEY REFERENCES Product(ProductId)

)

GO

--//News

CREATE TABLE News(

NewsId CHAR(7) PRIMARY KEY,

Title NVARCHAR(200) NOT NULL,

Description NTEXT NOT NULL,

Priority INT,

Created DATETIME DEFAULT(GETDATE()),

Status BIT,

ProductId CHAR(7) FOREIGN KEY REFERENCES Product(ProductId)

)

GO

--//Specification

CREATE TABLE Specification(

SpecificationId CHAR(9) PRIMARY KEY,

SpecificationKey NVARCHAR(20) NOT NULL,

Specification NVARCHAR(20) NOT NULL,

Status BIT,

ProductId CHAR(7) FOREIGN KEY REFERENCES Product(ProductId)

)

GO

--Event

--//Event

CREATE TABLE Event(

EventId CHAR(6) PRIMARY KEY,

EventName NVARCHAR(50) NOT NULL,

Description NTEXT,

FromDate DATETIME NOT NULL,

ToDate DATETIME NOT NULL,

Created DATETIME DEFAULT(GETDATE()),

Status BIT,

)

GO

--//Event Detail

CREATE TABLE EventDetail(

EventId CHAR(6) FOREIGN KEY REFERENCES Event(EventId),

ProductId CHAR(7) FOREIGN KEY REFERENCES Product(ProductId),

Discount INT NOT NULL CHECK(Discount BETWEEN 0 AND 100),

Status BIT,

PRIMARY KEY (EventId,ProductId)

)

GO

--Account

--//Account

-- 1-Admin 2-Editor 3-Moderator 4-User 5-VipUser

CREATE TABLE Account(

AccountId CHAR(7) PRIMARY KEY,

UserName VARCHAR(20) NOT NULL,

PassWord VARCHAR(20) NOT NULL,

Type INT NOT NULL CHECK(Type BETWEEN 1 AND 5) DEFAULT(5),

FullName NVARCHAR(50),

BirthDay DATETIME,

Mail VARCHAR(50),

Phone VARCHAR(20),

Adress VARCHAR(100),

Created DATETIME DEFAULT(GETDATE()),

Point INT,

Status BIT,

)

GO

--//Comment

CREATE TABLE Comment(

ProductId CHAR(7) FOREIGN KEY REFERENCES Product(ProductId),

AccountId CHAR(7) FOREIGN KEY REFERENCES Account(AccountId),

Content NTEXT NOT NULL,

Created DATETIME DEFAULT(GETDATE()),

Status BIT,

PRIMARY KEY (ProductId,AccountId)

)

GO

--//Rate

CREATE TABLE Rate(

ProductId CHAR(7) FOREIGN KEY REFERENCES Product(ProductId),

AccountId CHAR(7) FOREIGN KEY REFERENCES Account(AccountId),

Mark INT NOT NULL,

Created DATETIME DEFAULT(GETDATE()),

Status BIT,

PRIMARY KEY (ProductId,AccountId)

)

GO

--//Favorite

CREATE TABLE Favorite(

ProductId CHAR(7) FOREIGN KEY REFERENCES Product(ProductId),

AccountId CHAR(7) FOREIGN KEY REFERENCES Account(AccountId),

Created DATETIME DEFAULT(GETDATE()),

Status BIT,

PRIMARY KEY (ProductId,AccountId)

)

GO

--Order

--//Order

CREATE TABLE [Order](

OrderId CHAR(9) PRIMARY KEY,

Created DATETIME DEFAULT(GETDATE()),

TotalAmount FLOAT,

Status BIT,

AccountId CHAR(7) FOREIGN KEY REFERENCES Account(AccountId),

)

GO

--//Order detail

CREATE TABLE OrderDetail(

OrderId CHAR(9) FOREIGN KEY REFERENCES [Order](OrderId),

ProductId CHAR(7) FOREIGN KEY REFERENCES Product(ProductId),

Quantity INT NOT NULL,

Amount FLOAT NOT NULL,

PRIMARY KEY (OrderId,ProductId),

)

GO